



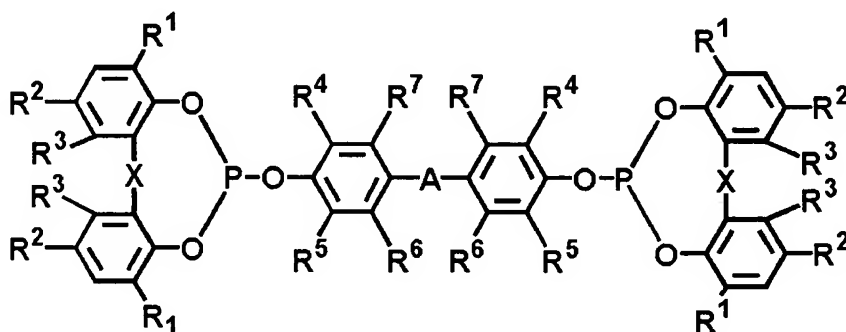
U.S. Appln. No.: 10/535,523
Amendment under 37 C.F.R. § 1.111

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A phosphorous ester compound of formula (I):



wherein R^1 and R^2 independently represent hydrogen, C_{1-8} alkyl, C_{5-8} cycloalkyl, C_{6-12} alkylcycloalkyl, C_{7-12} aralkyl or phenyl,

R^3 represents hydrogen or C_{1-8} alkyl,

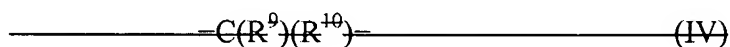
R^4 , R^5 , R^6 and R^7 independently represent hydrogen, C_{1-8} alkyl, C_{5-8} cycloalkyl, C_{6-12} alkylcycloalkyl, C_{7-12} aralkyl, phenyl, C_{1-8} alkoxy, or halogen,

provided that four R^1 groups are the same or different, four R^2 groups are the same or different, two R^4 groups are the same or different, two R^5 groups are the same or different, two R^6 groups are the same or different, and two R^7 groups are the same or different,

X represents a single bond, ~~sulfur, or CHR^8~~ , wherein R^8 represents hydrogen, C_{1-8} alkyl, or C_{5-8} cycloalkyl,

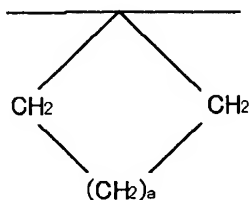
A represents

~~a single bond, an oxygen atom, a sulfur atom, or a sulfonyl group, sulfinyl, carbonyl group, phenylene, a group of formula (IV):~~



~~wherein R^9 and R^{10} independently represent hydrogen, phenyl, C_{1-8} alkyl, C_{5-8} cycloalkyl, or C_{5-8} alkylcycloalkyl,~~

~~a divalent bicyclic saturated hydrocarbon group, or~~



~~a divalent hydrocarbon group of formula (V):~~

~~wherein a represents an integer of 2 to 5, the alkylene group may be substituted with C_{1-8} alkyl group, or may form a fused ring with one or two benzene rings.~~

2. (original): A phosphorous ester compound according to claim 1, wherein

R^1 represents a tertiary alkyl or substituted or unsubstituted cyclohexyl,

R^2 represents C_{1-5} alkyl,

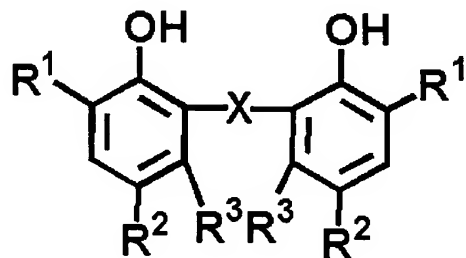
R^3 represents hydrogen, C_{1-5} alkyl,

R^4 , R^5 , R^6 and R^7 each represents hydrogen, or C_1 -alkyl,

X represents a single bond, methylene, or methylene substituted with C_{1-4} alkyl,

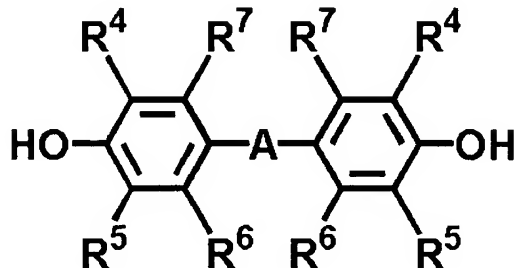
A represents a single bond, oxygen, sulfur, sulfonyl, sulfinyl, carbonyl, phenylene, or isopropylidene.

3. (original): A process for producing the phosphorous ester as defined in claim 1,
which comprises reacting a diphenol compound of formula(II):



wherein R^1 , R^2 , R^3 and X are as defined in claim 1,

phosphorous trichloride, and a bisphenol compound of formula(III):



wherein R^4 , R^5 , R^6 , R^7 and A are as defined in claim 1.

4. (original): A production process according to claim 3, wherein the diphenol compound of formula (2) is reacted with phosphorous trichloride, and then reacting the resulting compound with the bisphenol compound of formula (III).

5. (original): A stabilizer for organic material comprising the phosphorous ester compound as defined in claim 1.

6. (original): A stabilizer according to claim 5, which further comprises at least one ingredient selected from the group consisting of an amine compound and a metal salt that binds with an acid.

7. (original): A stabilizer according to claim 6, wherein the metal compound that binds with an acid is hydrohalcite.

8. (original): A stabilizer according to claim 6, wherein the amine compound is dialkanolamine, monoalkanolamine, aromatic amine, alkylamine, polyalkyleneamine, or hinderedamine type stabilizer.

9. (original): A method for stabilizing an organic material, which comprises compounding

the phosphorous ester compound defined in claim 1 with an organic material.

10. (original): A method for stabilizing according to claim 9, wherein the organic material is thermoplastic resin.

11. (original): A method for stabilizing according to claim 10, wherein the thermoplastic resin is polyolefin or engineering plastic.

12. (original): A stabilized organic material composition, which comprises an organic material and the phosphorous ester defined in claim 1.

13. (original): A composition according to claim 12, wherein the organic material is thermoplastic resin.

14. (original): A composition according to claim 13, wherein the thermoplastic resin is polyolefin or engineering plastic.